



Integrated Corridor Management

What It Is

The goal of the ICM Initiative is to provide the institutional guidance, operational capabilities, Intelligent Transportation Systems (ITS) technology and technical methods needed for effective ICM Systems that can reduce traffic congestion and improve safety.

The initiative will demonstrate how operations strategies and ITS technologies can be used to efficiently and proactively manage the movement of people and goods in major transportation corridors through integration of the management of all the available transportation networks in a corridor. It will identify a toolbox of operational policies, cross-network operational strategies, integration requirements and methods and analysis tools needed to implement effective ICM systems. A demonstration in one or more Pioneer Site corridors will test how proven and emerging ITS technologies can be used to coordinate the operations between separate corridor networks to increase the effective use of the total transportation capacity of the corridor.

Current Status

The U.S. Department of Transportation (USDOT) is working with transportation agencies in eight Pioneer Sites—Montgomery County, Maryland; Minneapolis, Minnesota; Dallas, Texas; Houston, Texas; San Antonio, Texas; San Diego, California; Oakland, California; and Seattle, Washington—to develop concepts of operations for their ICM systems. Draft concepts of operations will be completed by March 20, 2007. Additionally, the USDOT is developing a strategic outreach plan for the ICM Initiative and is deriving a modeling and analysis approach for evaluating alternative ICM approaches and strategies.

The Year Ahead

The eight Pioneer Sites will complete their requirements documentation by September 2007, and the USDOT expects to select from these up to four finalist Pioneer Sites to partner with in the analysis, modeling and simulation of their corridors. The Department is developing an ICM Resource Compendium, which will provide a wide range of ICM resources in a user-friendly format that is fully searchable based upon the needs of individual regions. The Compendium is expected to be available in June 2007. The Department is hosting a technical integration listening session on March 28, 2007 in conjunction with the Institute of Transportation Engineers and ITS America, in San Diego, California to discuss strategies for technical integration of ICM technologies.

For more information go to: <http://www.its.dot.gov/icms/>.